Datasheet for ABIN1476196

CYP1A2 Protein (AA 2-513) (His tag)

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Overview

Quantity:	1 mg
Target:	CYP1A2
Protein Characteristics:	AA 2-513
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP1A2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AFSQYISLA PELLLATAIF CLVFWVLRGT RTQVPKGLKS PPGPWGLPFI GHMLTLGKNP HLSLTKLSQQ YGDVLQIRIG STPVVVLSGL NTIKQALVKQ GDDFKGRPDL YSFTLITNGK SMTFNPDSGP VWAARRRLAQ DALKSFSIAS DPTSVSSCYL EEHVSKEANH LISKFQKLMA EVGHFEPVNQ VVESVANVIG AMCFGKNFPR KSEEMLNLVK SSKDFVENVT SGNAVDFFPV LRYLPNPALK RFKNFNDNFV LFLQKTVQEH YQDFNKNSIQ DITGALFKHS ENYKDNGGLI PQEKIVNIVN DIFGAGFETV TTAIFWSILL LVTEPKVQRK IHEELDTVIG RDRQPRLSDR PQLPYLEAFI LEIYRYTSFV PFTIPHSTTR DTSLNGFHIP KECCIFINQW QVNHDEKQWK DPFVFRPERF LTNDNTAIDK TLSEKVMLFG LGKRRCIGEI PAKWEVFLFL AILLHQLEFT VPPGVKVDLT PSYGLTMKPR TCEHVQAWPR FSK
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	CYP1A2
Alternative Name:	Cytochrome P450 1A2 (Cyp1a2) (CYP1A2 Products)
Background:	Recommended name: Cytochrome P450 1A2. EC= 1.14.14.1. Alternative name(s): CYPIA2 Cytochrome P-448 Cytochrome P-450d Cytochrome P450-D
UniProt:	P04799

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.